

Date: Mon, 14 Feb 94 18:40:21 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #152
To: Info-Hams

Info-Hams Digest Mon, 14 Feb 94 Volume 94 : Issue 152

Today's Topics:

 * SpaceNews 14-Feb-94 *
 Copying High-Speed CW: Print or Script?
 Correction to the Anik Satellite Failure Reports
 CT-USER mailing list is now available!
 Foot race across desert? (2 msgs)
 FOR SALE: YAESU 470 DUAL BAND HT!!
 Noise Problem
 Opinions wanted on mobile dual-banders
 WARNING: Potential Satellite Anomaly Warning
 ZA1A

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 14 Feb 94 18:31:26 GMT
From: news-mail-gateway@ucsd.edu
Subject: * SpaceNews 14-Feb-94 *
To: info-hams@ucsd.edu

SB NEWS @ AMSAT \$SPC0214
* SpaceNews 14-Feb-94 *

BID: \$SPC0214

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SpaceNews

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MONDAY FEBRUARY 14, 1994

SpaceNews originates at KD2BD in Wall Township, New Jersey, USA. It is published every week and is made available for unlimited distribution.

* STS-60/SAREX NEWS *

=====

Gustavo, LW2DTZ, has provided a copy of the packet transmissions he received from the SAREX experiment carried on Shuttle mission STS-60 on 06-Feb-94 at 06:56 UTC during a pass over Buenos Aires, Argentina:

W5RRR-1>QST <UI>:

Greetings from the crew of STS-60! Our current altitude is 190 nautical miles above the beautiful Earth that is the home for all of us. We are very busy with Spacehab experiments and hopefully today we will deploy the Wake Shield Facility.

W5RRR-1>QST <UI>:

Best wishes and poka!

Privet to MIR crew

Un afectuoso saludo a todos los radioaficionados hispanoamericanos desde el transbordador espacial Discovery. Nuestra mision continua en su tercer dia. hoy logramos avances importantes en la met

W5RRR-1>QST <UI>:

alurgia y la cristalizacion de
proteinas para usos medicos.

W5RRR-1>SAREX <UI>:

This is STS-60 SAREX Robot station W5RRR-1
onboard the Space Shuttle Discovery.

Those who have heard or worked the STS-60 crew and wish to receive a QSL card need to send your signal report and an SASE or an envelope and IRCs to the following address:

STS-60 QSL
Education Activities Division
ARRL
225 Main St
Newington, CT 06111
U.S.A.

In other STS-60 news, Yoshiro Yamada at the Yokohama Science Center in Japan reported observing STS-60 at a +1 magnitude on 06-Feb-94 at 05:43 JST from Yokohama.

Although several opportunities were available to see the Shuttle during the early morning hours from the east coast of the United States, observations in some areas were not possible due to thick cloud cover (and heavy snow!).

* DOVE POSTS FIRST CALLS *

=====

The first of 300 callsigns of amateurs who sent telemetry data to Junior PY2BJ0 in Brazil when DOVE was brought back on the air in December have been posted on the satellite downlink in between engineering data. The following was received by KA3AFY on Friday Feb. 4th, 1994 at 1606 UTC:

DOVE-1>BRAMST [00/00/00 02:38:32]:
4th Feb 1994

DOVE reports have been received from :

AA7WD AB6BC AD4FH CT1DNF CT1EAT CT1EEB
CT1ENC CT1ENQ CT1ERC CT1ETZ CT1EXL CT1EXT

These will change in 4 Days.

[vk7zbx]

Tune into DOVE to see if your call or the call of someone you know shows up on the telemetry being sent on 145.825 MHz. Telemetry data is no longer needed but signal reports, equipment being used to receive DOVE, and DOVE being received in classrooms would be appreciated by BRAMSAT and Junior PY2BJ0 owner of DOVE. Please send reports to:

Dr. Junior Torres De Castro (PY2BJ0)
119 Macaubal
Sao Palo
Brazil 01254

Thanks to Jim White (WD0E) and the DOVE Team for making the bulletin information available. Consult your favorite tracking program or DOVE Watcher for orbit information. Keep your eyes to the skies!

[Info via Larry Lilly, KA3AFY, "DOVE Watcher"]

* ITAMSAT BBS OPENS *

=====

After the software crash occurred on the 7 December, the ITAMSAT (IO-26) Command team decided to delay the reloading of the code, to improve the onboard software and further analyze the Whole Orbit Data dumps, to better understand the satellite motion and operation. On 06-Jan-94, the final version of the code was validated by the Command team and the BBS re-opened to all users. The housekeeping code (IHT ver 2.1) now has WOD capabilities and weekly data dumps will be taken without affecting the BBS operations. All users are reminded that the BBS callsign is ITMSAT-11 for Broadcast and ITMSAT-12 for uploads, and that the standard PB and PG ground software is needed for accessing the BBS. The downlink frequency is 435.867 MHz using BPSK at 1200 baud.

Enjoy ITAMSAT!

[Info via Alberto, I2KBD, of the ITAMSAT Command Team]

* NEW PICTURE ON AO-21 *

=====

The AO-21 satellite is transmitting a picture showing the launch of the satellite three years ago. The picture is in WEFAX format at 240 lpm. The current operating schedule is available in 1200 bps AFSK packet radio format every 10 minutes on the 145.987 MHz RUDAK-II downlink frequency:

RUDAK2>BEACON <UI>:

RUDAK-II Schedule: (down 145.987, up 435.016)

min/10 Beacon Mode

0..4 FM Repeater

5..7 WEFAX Picture

8..9 AFSK TLM

RUDAK2>BEACON <UI>:

++ Hi, this is the RUDAK-II experiment on AMSAT OSCAR 21 ++

[Info via Gustavo, LW2DTZ]

* OSCAR-13 BANDPASS *

=====

Ever wonder who is active on AMSAT-OSCAR-13? Sergio, IK5AAX, in Italy provides the following bandpass listing for the curious:

OSCAR 13 BANDPASS:

SATURDAY 05:

2238-145924 ZY0SK

2245-145915 A22BW

2312-145897 LI20WG

2333-145912 8P6SM

SUNDAY 06:

0036-145899 TI5RLI

1904-145884 K4AK

2330-145888 ZY0SK

MONDAY 07:

0018-145899 TU20J

0759-145905 Z21HJ

[Info via Sergio, IK5AAX]

★ F0-20 OPERATION SCHEDULE ★

=====

The F0-20 operation schedule is follows. Analog transponder and digital transponder will be ON for a week respectively as they were since last December.

Analog mode:

09-Feb-94 07:15 UTC -to- 16-Feb-94 07:40 UTC

23-Feb-94 08:05 UTC -to- 02-Mar-94 06:40 UTC

09-Mar-94 07:05 UTC -to- 16-Mar-94 07:30 UTC

23-Mar-94 07:52 UTC -to- 30-Mar-94 08:15 UTC

Digital mode:

Unless otherwise noted above.

[Info via Kazu Sakamoto, JJ1WTK]

★ THANKS! ★

=====

Thanks to all those who sent QSL cards, letters, and messages of appreciation regarding SpaceNews, especially:

HS1JAN KB20PQ N2GJ DL3MFM AB4U IK5AAX VK5THA WA6LVE N0TCT
Dave Bondon

★ FEEDBACK/INPUT WELCOMED ★

=====

Mail to SpaceNews should be directed to the editor (John, KD2BD) via any of the following paths:

FAX : 1-908-747-7107

PACKET : KD2BD @ N2KZH.NJ.USA.NA

INTERNET : kd2bd@ka2qhd.ocpt.ccur.com -or- kd2bd@amsat.org

MAIL : John A. Magliacane, KD2BD
Department of Engineering and Technology
Advanced Technology Center
Brookdale Community College
Lincroft, New Jersey 07738
U.S.A.

<<= SpaceNews: The first amateur newsletter read in space! -=>>

/EX

--

John A. Magliacane, KD2BD * /\ * Voice : 1-908-224-2948
Advanced Technology Center |/\| Packet : KD2BD @ N2KZH.NJ.USA.NA
Brookdale Community College |/\| Internet: kd2bd@ka2qhd.ocpt.ccur.com
Lincroft, NJ 07738 * \/\ * Morse : -.- -.. ..--- -... -..

Date: 14 Feb 94 15:53:02 GMT
From: news-mail-gateway@ucsd.edu
Subject: Copying High-Speed CW: Print or Script?
To: info-hams@ucsd.edu

Text item: Text_1

>A mailing I read is involved in a comparision of the speeds of
>printing and cursive writing. I decided to consult some experts.
>Michael A. Gauland gaulandm@tekig7.PEN.TEK.COM

Michael, I'm not a "high-speed CW op" but I can copy 60wpm in shorthand.
That's what I use for copying 15wpm code. Shorthand was designed for
keeping up with spoken words and works better than either printing or
script for copying CW. Each letter is only one stroke and strokes run
together in a smooth manner. There are also short forms of commonly used
words and I've invented a few new ones applying to Ham Radio.

73, Cecil, kg7bk (I do not speak for Intel on Internet)

Date: Thu, 10 Feb 1994 12:46:14 MST
From: mvb.saic.com!unogate!news.service.uci.edu!usc!yeshua.marcam.com!
zip.eecs.umich.edu!destroyer!nntp.cs.ubc.ca!alberta!adec23!ve6mgs!
usenet@network.ucsd.edu
Subject: Correction to the Anik Satellite Failure Reports

"speculative", as well as the possible vulnerability of lower-orbiting satellites.

If the previous erroneous report is reproduced in newsletters or publications, feel free to edit it so that the above corrections are included. If necessary, send me a copy and I'll proof read it for correctness.

Cary Oler
Director, STD,
INT
C0ler@Solar.Stanford.Edu

** End of Bulletin **

Date: Thu, 10 Feb 1994 14:03:27 MST
From: mvb.saic.com!unogate!news.service.uci.edu!usc!yeshua.marcam.com!
zip.eecs.umich.edu!destroyer!nntp.cs.ubc.ca!alberta!adec23!ve6mgs!
usenet@network.ucsd.edu
Subject: CT-USER mailing list is now available!
To: info-hams@ucsd.edu

I have set up a reflector (similar to CQ-CONTEST) for users of K1EA's contest logging software, CT. If you are interested in joining the list, send a message to "MajorDomo@sttng.mlo.dec.com" and put this text in the *BODY* of your mail message:

info ct-user

It will send you the Frequently Asked Questions (FAQ) list, which will tell you how to subscribe.

73 - Jim AD1C

Date: Mon, 14 Feb 1994 17:50:02 GMT
From: newshub.nosc.mil!ihnp4.ucsd.edu!sdd.hp.com!vixen.cso.uiuc.edu!
howland.reston.ans.net!europa.eng.gtefsd.com!library.ucla.edu!csulb.edu!csus.edu!
netcom.com!jfh@network.ucsd.edu
Subject: Foot race across desert?
To: info-hams@ucsd.edu

I remember hearing about a foot race somewhere across the desert in Southern California and maybe Nevada. It's run by a police agency as

a fundraiser for some charity, I think. They have solicited amateur radio volunteers in the past, but I heard about it only after the event (and I don't remember where).

Does anyone have more information about this event?

(Sorry about the excessively broad distribution, but my news poster won't let me restrict it to just California.)

--

Jack Hamilton USMail: POB 281107 SF CA 94128 USA
jfh@netcom.com Packet: kd6ttl@w6pw.#nocal.ca.us.na

Date: 14 Feb 1994 19:02:51 GMT
From: newshub.nosc.mil!ihnp4.ucsd.edu!sdd.hp.com!math.ohio-state.edu!
howland.reston.ans.net!europa.eng.gtefsd.com!library.ucla.edu!csulb.edu!
byon@network.ucsd.edu
Subject: Foot race across desert?
To: info-hams@ucsd.edu

In article <jfhCL86vF.tv@netcom.com>, Jack Hamilton <jfh@netcom.com> wrote:
>I remember hearing about a foot race somewhere across the desert in
>Southern California and maybe Nevada. It's run by a police agency as
>a fundraiser for some charity, I think. They have solicited amateur radio
>volunteers in the past, but I heard about it only after the event (and I
>don't remember where).
>
>Does anyone have more information about this event?
>

It is called the Challenge Cup Relay Race - also know as the Baker to Vegas race. It's a 120 mile relay race in 20 legs from Baker, in California, through Pahrump (sp) and on into Vegas. This year it will be held on April 8-9. We (Orange County RACES) set up a communications system for the use of a few county teams. It is an international event, run by police officers. This is all off the top of my head, so I may be off a bit, but I can get you as much info as you would like.

--

Byon Garrabrant KD6BCH byon@csulb.edu

Date: 11 Feb 94 04:19:08 GMT
From: openlink.openlink.com!lanslide!hls.com!trop@uunet.uu.net
Subject: FOR SALE: YAESU 470 DUAL BAND HT!!
To: info-hams@ucsd.edu

FOR SALE: Yaesu 470 Dual Band 2m/70cm handheld transceiver

Includes: Standard battery pack (FNB-17)
AC Adapter/Charger
Standard rubber duck
Radio case
Wrist strap
Optional alkaline battery case

I purchased this radio as a backup radio to my primary 470. I have since purchased another backup radio and would like to sell this one. It has essentially been sitting in the box since I purchased it and really hasn't been used for more than a couple of hours (it still has the protective cover over the keypad!). All manuals and associated documentation are included with the original box. I have used the battery that came with it, so you have your choice of battery. Prices are firm and include 2 day FEDEX delivery, although a Bay Area buyer is preferred.

HR0 price ~\$340 + 15 for the alkaline battery case
\$275 with original battery
\$290 for battery with new inserts (has some scratches)

Email or phone for more info on this radio or its features

Troy T. Pummill, N6XMV
trop@hls.com
H: (408) 475-0249 leave message

Date: 13 Feb 1994 06:39:37 GMT
From: sgiblab!wetware!kaiwan.com!kaiwan.kaiwan.com!dab@ames.arpa
Subject: Noise Problem
To: info-hams@ucsd.edu

(Thanks all for the responses on my YX0AI/F6FNU/N7R0 question)

For the past year or so, I've had a very bad noise problem while operating on the HF bands. Since I've been a lot more active the past few months, this is really starting to frustrate me. The noise is not a real choppy sounding noise, but sounds more like VERY strong band noise. However when I have this very loud noise, other stations within a few miles have

no noise. Neither of the two noise blankers turned up full blast on my TS-930S do much good. I'm using a vertical antenna, so I can't turn it to see which direction it's coming from. The noise is very apparent on all HF bands from 1.8-28 MHz, 144mhz, as well as sparkles on my cable TV. The noise doesn't seem to make it up to 450mhz though, nice and quiet up there.

I have power lines directly in back of my house, but I don't think they are the problem. I've had Southern California Edison come out a few times over the past couple of years and they reported no problems. The noise is not always there and varies in strength each time it comes on. I think the noise is coming from some sort of appliance or machinery from one of the neighbors' houses, but I have no idea how to find it. It is a little baffling though, sometimes I won't hear the noise for weeks, but it has been present this entire weekend 24 hours a day.

Has anybody had experience tracking down and solving this type of noise problem?

Any advice or comments would be appreciated.

73 de Doug - NF6H

--

/*-----*/
Doug Brandon [NF6H] Placentia, California dab@kaiwan.com

Date: Wed, 9 Feb 1994 09:47:19 GMT
From: hobbes!earth.armory.com!dev@uunet.uu.net
Subject: Opinions wanted on mobile dual-banders
To: info-hams@ucsd.edu

i posted this a little while ago just to the equipmet group, but seeing as i got little response, i'm widening my audience a bit. :-)

anyways, i'm looking to get a mobile dual-bander for my car. and of course i'm interested in finding out what other people have and why they like or dis-like it. i'm interested in what sort of features they have, what features they do or don't need on it, what's really good to have (expanded receive? backlit DTMF mic?). tell me your experiences, etc.

i've noticed that most of the units only do tx from 440 to 450 in the 70cm band. that seems a little weird to me. only the Yaseu seems to do 430 to 450. these sorts of oddities is what is confusing me as to what to buy.

any help on this would be really appreciated.

--

David Vangerov, KD6WXQ
dev@deeptht.armory.com

Date: Thu, 10 Feb 1994 12:29:58 MST
From: mvb.saic.com!unogate!news.service.uci.edu!usc!yeshua.marcam.com!
zip.eecs.umich.edu!destroyer!nntp.cs.ubc.ca!alberta!adec23!ve6mgs!
usenet@network.ucsd.edu
Subject: WARNING: Potential Satellite Anomaly Warning
To: info-hams@ucsd.edu

/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\

POT

UPDATED: 18:00 UT, 10 FEBRUARY

/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\

ATTENTION:

High energy electrons at greater than 2 MeV remain enhanced. Levels observed since about the 7th are approximately the same as what was observed in January. Geosynchronous satellites (and possibly lower orbiting birds) may experience anomalous charging events as a result of this activity. It is reasonable to suspect that this activity will continue for several more days at least, given the extent of the responsible coronal hole. This may increase the risk for deep charging events given the unusual duration of this activity.

** End of Warning **

Date: Wed, 9 Feb 1994 08:30:26 GMT
From: agate!howland.reston.ans.net!darwin.sura.net!rouge!cfm1471@network.ucsd.edu
Subject: ZA1A
To: info-hams@ucsd.edu

I know this might sound kinda strange, but I just got an envelope from the W5 buro, and guess what, a ZA1A card from July 7, 1992. Hey, it took 2 years to get here, but it made it! Guess it shows that patience really

works if you let it.

Charlie

```
*****
* KI5XP@K5ARH.LFT.LA.USA.NA          * U.S.L.A.R.C - U. of S'Western La *
* ki5xp@usl.edu                      * A.A.R.A - Acadiana Am. Radio. A. *
* ki5xp@w5ddl.aara.org                *                               *
*                                     *                               *
* "Life is too short for QRP!"-- ??? * "Hams do it with a spark!"-- ??? *
*****
```

Date: Sun, 13 Feb 1994 05:26:13 GMT
From: news.Hawaii.Edu!uhunix3.uhcc.Hawaii.Edu!jherman@ames.arpa
To: info-hams@ucsd.edu

References <CKxq14.LvA@srgenprp.sr.hp.com>,
<1994Feb10.134419.7253@ccd.harris.com>, <1994Feb12.145650.4024@ke4zv.atl.ga.us>
Subject : Re: Golf Causes Cancer!

In article <1994Feb12.145650.4024@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:

> Farming, of course,
> continues to be the most dangerous occupation in the US with more
> occupational injuries and deaths than any other large scale occupation.
> By comparison, the occupation of police officer is rated rather low
> on the scale of occupational risk. Just goes to show how perceptions
> and reality often don't match.
>

I believe that mining and firefighting are rated as the most dangerous occupations.

[As a fireman back in Southern California in the 70's I was continually reminded of that fact by my training officer.]

=====

Jeffrey Herman NH6IL jherman@hawaii.edu, who, in his spare time, cannibalizes old TV sets to make QRP transmitters (CW, of course).

Previously: WA6QIJ, WH6AEQ, NMO (U.S. Coast Guard Radio Honolulu: 500 kc CW)

Vietnamese Proverb: If you study you will become what you wish
If you do not study you will never become anything.

=====

Date: Sun, 13 Feb 1994 05:16:01 GMT
From: news.Hawaii.Edu!uhunix3.uhcc.Hawaii.Edu!jherman@ames.arpa
To: info-hams@ucsd.edu

References <1994Feb3.190229.8136@arrl.org>, <gregCKywqn.2D0@netcom.com>,
<1994Feb11.164431.7979@arrl.org>
Subject : Re: RAMSEY FX TRANSCEIVER (now long)

>: >: >Greg Bullough (greg@netcom.com) wrote:
>: >: >
>: >: >: Steven has hit it on the head. As hams, we have for years said "can't
>: >: >: afford a commercial rig? Home-brew or build a simple kit." Then
>: >: >: QST and all the other magazines which bang this drum (which quite
>: >: >: handily fills up magazine pages with circuits that few ever
>: >: >: build) reap big advertising dollars from kit companies.

Geez Greg, how do you know that ``...few ever build...'' those circuits?
Have you taken a poll? You sound like someone else on here who tries to
pass opinion as fact.

And are you saying that few are building QST's circuit or that few are
building period? If it's the latter, why would the rec.radio.caretakers
create a new newsgroup, .homebrew?

And those kit manufacturers advertising in QST must be selling kits
otherwise they wouldn't be in business year after year.

I can't begin to tell you the huge number of folks that are building
and modifying kits on the QRP mail net.

Can you imagine what your subscription/membership fees would be if QST
didn't accept advertising dollars?

It's usually the appliance operators who scream about how much space
is taken up in QST with circuits...

Even though you're wrong on all counts, 73 to you Greg.

=====
Jeffrey Herman, NH6IL, jherman@hawaii.edu, who, in his spare time, cannibalizes
old TV sets to make QRP transmitters (CW of course).

Previously: WA6QIJ, WH6AEQ, NMO (U.S. Coast Guard Radio Honolulu: 500kc CW)

It is said that CW is the second most popular mode on HF, but scanning the
bands I frequently count more CW QSOs than SSB QSOs.

=====

Date: Mon, 14 Feb 1994 14:27:20 GMT
From: agate!library.ucla.edu!csulb.edu!csus.edu!netcom.com!greg@network.ucsd.edu

To: info-hams@ucsd.edu

References <CL1p2x.8s2@news.Hawaii.Edu>, <1994Feb12.161053.4486@ke4zv.atl.ga.us>, <CL5EDr.3CB@news.Hawaii.Edu>
Subject : Re: 40 meter QRP (cw or ssb)

In article <CL5EDr.3CB@news.Hawaii.Edu> jherman@uhunix3.uhcc.Hawaii.Edu (Jeff Herman) writes:

>In article <1994Feb12.161053.4486@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>>In article <CL1p2x.8s2@news.Hawaii.Edu> jherman@uhunix3.uhcc.Hawaii.Edu (Jeff Herman) writes:

>>>In article <1994Feb11.001239.2842@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>>>>I can wait and recognize "the", but when it turns out to be the
>>>>opening character group in "Thessalonian", I'm screwed. Dealing
>>>>character by character on paper insures I get either correctly.
>>>

>>>Geez Gary, what kind of QSOs do you have? In 18 years I've never had
>>>someone send that word to me; phooey - your QSOs sound MUCH more
>>>interesting than mine.

>>

>>I've been claiming that all along, Jeff. The high information rate
>>of voice transmission allows complex ideas to be expressed quickly
>>enough to be interesting.

>>

>

>Now wait a minute! I meant CW QSOs - if folks are sending you words
>such as Thessalonian on CW THEN your QSOs are more interesting than
>mine.

>You never miss an opportunity to kick CW in the okole (Hawaiian word
>for what you sit on).

Then again, in this bigger, busier, faster, hurry-up world, we often miss the simple pleasure of spending a half hour passing the time on 15 Meter CW, at 7 WPM with a young (or old) novice for whom it's all so big and new. On a couple of watt transmitter and a DC receiver that cost me all of \$35. (\$35 HW-8s in perfect working order are, like lightning, something that the gods usually only bestow once, by the way.)

Okay, so I'm wierd. But I still think theirs something magical about tickling the ether with a simple signal on a cold night.

Then again, I'm in great company. :-)

CW is to SSB as fine cognac is to good beer. Both have their merits and pleasures, and both are acquired tastes. And it's okay to not care

for either or both.

Greg

End of Info-Hams Digest V94 #152
